







Synthetic cristalline zeolite powder, its preparation and its use

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Cited documents:

 EP0671422
 US4873067
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Abstract of EP0881193

Synthetic crystalline zeolite powder having a $\text{SiO}_2/\text{Al}_2\text{O}_3$ ratio of at least 5 is produced by the hydrothermal reaction of a source for SiO_2 , Al_2O_3 , alkali, water and optionally organic additive, converting into the activated state and thermally treating until the required catalytic-activity is reached. The alkali content in the activated state is below 0.5 wt.%, the water receiving capacity is more than 5 wt.%, the alpha -value is below 250, and the zeolite powder has a pH of below 7.

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